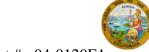
DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES Office of Structural Materials

Quality Assurance and Source Inspection

Bay Area Branch 690 Walnut Ave.St. 150 Vallejo, CA 94592-1133 (707) 649-5453 (707) 649-5493



Contract #: 04-0120F4

Cty: SF/ALA Rte: 80 PM: 13.2/13.9

File #: 69.28

WELDING INSPECTION REPORT

Resident Engineer: Pursell, Gary **Report No:** WIR-006027 Address: 333 Burma Road **Date Inspected:** 13-Mar-2009

City: Oakland, CA 94607

OSM Arrival Time: 645 **Project Name:** SAS Superstructure **OSM Departure Time:** 1845 **Prime Contractor:** American Bridge/Fluor Enterprises, a JV

Contractor: Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China

CWI Name: Liu Wei Wei **CWI Present:** Yes No **Inspected CWI report:** Yes N/A **Rod Oven in Use:** Yes No No N/A N/A N/A **Electrode to specification:** Yes No Weld Procedures Followed: Yes No N/A N/A **Qualified Welders:** Yes No **Verified Joint Fit-up:** Yes No N/A Yes N/A **Approved Drawings:** Yes No **Approved WPS:** No Yes No N/A **Delayed / Cancelled:**

34-0006 **Bridge No: Component:** OBG Longitudinal Diaphragms / Seg 8E

Summary of Items Observed:

On this date Caltrans OSM Quality Assurance (QA) Inspector, D.Sukanthan was present during the time noted above for observations relative to the work being performed.

OBG # BAY 2

This QA inspector performed MT of approximately 15% of the area previously tested and accepted by ZPMC Quality Control Personnel. This QA Inspector generated an MT report for this date. The member is identified as Segment 1AA. The weld designations reviewed are as follows:

(SGE 2E – 456,123,112,445,193&403)

(SGE 1E – 583,584,585,586)

OBG # BAY 3

This QA inspector performed MT of approximately 15% of the area previously tested and accepted by ZPMC Quality Control Personnel. This QA Inspector generated an MT report for this date. The member is identified as Longitudinal Diaphragms / Seg 8E. The weld designations reviewed are as follows:

(SEG008E-004-082,083,084,085,086,087) Green Tag # 005274 (LD011-005-011) Green Tag # 005178 (LD012-006-011) Green Tag # 005182

WELDING INSPECTION REPORT

(Continued Page 2 of 3)

(LD003-026-011) Green Tag # 004483
(LD004-023-011) Green Tag # 004484
(LD003-025-011) Green Tag # 004482
(LD011-006-011) Green Tag # 005179
(LD013-003-011) Green Tag # 005184
(LD002-015-011) Green Tag # 004476
(LD002-017-011) Green Tag # 004478
(LD004-024-011) Green Tag # 004485
(LD014-004-011) Green Tag # 005187
(LD012-005-011) Green Tag # 005181
(LD001-017-011) Green Tag # 004474
(LD007-007-011) Green Tag # 005177
(LD004-026-011) Green Tag # 004487
(LD001-018-011) Green Tag # 004475
(LD011-007-011) Green Tag # 005180
(LD014-003-011) Green Tag # 005186
(LD004-025-011) Green Tag # 004486
(LD012-007-011) Green Tag # 005183
(LD003-024-011) Green Tag # 004481
(LD005-007-011) Green Tag # 005188
(LD001-016-011) Green Tag # 004473
(LD002-018-011) Green Tag # 004479
(LD003-023-011) Green Tag # 004480
(LD001-015-011) Green Tag # 004472
(LD013-004-011) Green Tag # 005185
(LD002-016-011) Green Tag # 004477
(LD015-018-006,007,008) Green Tag # 005194
(LD018-009-006,007,008) Green Tag # 005191
(LD015-017-002,003,004) Green Tag # 005143
(LD017-010-002,003,004) Green Tag # 005192
(LD018-010-002,003,004) Green Tag # 005196
(LD017-009-006,007,008) Green Tag # 005190
(LD016-017-002,003,004) Green Tag # 005195
(LD016-018-006,007,008) Green Tag # 004489

Unless otherwise noted, all work observed on this date appeared to generally comply with applicable contract documents.

Summary of Conversations:

No Relevant Conversation

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Eric Tsang 150-0042-2372, who represents the Office of Structural Materials for your project.

WELDING INSPECTION REPORT

(Continued Page 3 of 3)

Inspected By:	Sukanthan, Dhanasingh	Quality Assurance Inspector
Reviewed By:	Clifford, William	QA Reviewer